

Title (en)  
STEREOLITHOGRAPHY DEVICE, AND MANUFACTURING METHOD FOR FORMED OBJECT

Title (de)  
STEREOLITHOGRAPHIEVORRICHTUNG UND HERSTELLUNGSVERFAHREN FÜR GEFORMTE OBJEKTE

Title (fr)  
DISPOSITIF DE STÉRÉOLITHOGRAPHIE, ET PROCÉDÉ DE FABRICATION D'OBJET FORMÉ

Publication  
**EP 3750688 A4 20210317 (EN)**

Application  
**EP 19750964 A 20190129**

Priority  
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Abstract (en)  
[origin: EP3750688A1] Provided are a stereolithography apparatus and a method for producing a shaped article which are applicable to various shaping materials. The stereolithography apparatus according to the present embodiment comprises: laser light source (11) configured to generate laser light (L1) having a wavelength (510 nm) or shorter; objective lens (17) configured to focus the laser light (L1) to shaping material (21); and scanner (13) configured to change a focus position of the laser light (L1) to the shaping material (21), wherein the shaping material (21) is cured by two-photon absorption of the laser light (L1) having a wavelength (510 nm) or shorter to form shaped article (22).

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• [XA] JP 2013139571 A 20130718 - RICOH CO LTD  
• See references of WO 2019155933A1

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